



## Menoken Farm

*The Menoken Farm is a conservation demonstration farm located in central North Dakota, owned and operated by the Burleigh County Soil Conservation District*

*The systems approach management enhances erosion protection, sunlight harvest, plant diversity, carbon, pollinators, beneficial insects, wildlife, salinity control, livestock forage and more*

### *Advancing Soil Health through innovation and education.*



#### **Cropping Systems**

Menoken Farm is divided into 10 fields, each about 12 acres. The cropping system includes no-till seeding, high crop diversity and rotations with cover crop combinations seeded after harvest and as season-long plantings.



#### **Compost**

Each fall compost is made from a number of organic materials, including common ingredients such as hay, straw, wood shavings, fish and manure. Upon completion, the compost is applied to available cropland and gardens.



#### **Windbreaks**

A number of windbreaks have been planted and serve as an arboretum for information and education on energy, wildlife and forestry topics.



#### **Grazing Systems**

Rotational perennials are part of the crop rotation. These fields are seeded to 21 species of perennial grasses, legumes and flowering forbs. The grazing system is managed with short livestock exposure periods, followed by long plant recovery periods. Livestock are also rotated to season-long cover crops, fall seeded cover crops and crop residue, when available. Paddock size is managed with single-wire electric fence. Each paddock is usually a half acre or larger.



#### **Gardens**

Menoken Farm has a high tunnel greenhouse garden and outside garden. The soil health principles and compost are used to manage the gardens. Healthy, fresh produce is donated to the Bismarck/Mandan food pantries, in cooperation with the Hunger Free North Dakota Garden Project.



#### **Education**

With continued support from the North Dakota Department of Health and NRCS-USDA, Menoken Farm provides natural resource education. Tours are available from May - October and are open to farmers, ranchers, gardeners, Soil Conservation District employees and supervisors, NRCS employees, Extension Service employees, no-till associations and the general public. Some of the topics our tour participants will learn include: soil health principles; carbon cycle; soil function demonstrations; crop rotations; cover crop combinations; grazing systems; and gardening.

*Visit us at: [www.menokenfarm.com](http://www.menokenfarm.com)*



*The farm is owned and operated by Burleigh County Soil Conservation District. Additional financial and technical support is provided by:*

- Section 319 Nonpoint Source Pollution Control Program through the North Dakota Department of Health/Water Quality Division
- Natural Resources Conservation Service (NRCS), U.S. Department of Agriculture (USDA)

After identifying a number of resource concerns across the Menoken Farm landscape, work focused on providing these basic building blocks to improve soil health:

- 🌿 Soil armor
- 🌿 Minimal soil disturbance
- 🌿 Plant diversity
- 🌿 Continual live plant/root
- 🌿 Livestock integration

The systems approach management enhances erosion protection, sunlight harvest, plant diversity, carbon, pollinators, beneficial insects, wildlife, salinity control, livestock forage and more.



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### *Schedule a Menoken Farm Tour:*

- 👤 Darrell Oswald
- ☎ 701-250-4518, ext. 3  
701-391-5830
- ✉ darrell.oswald@nd.nacdnet.net  
menokenfarm@gmail.com
- 🌐 www.menokenfarm.com

### *The Menoken Farm address is:*

- ➔ Menoken Farm  
1107 171st St. N.E.  
Menoken, ND 58558

### *Driving directions to Menoken Farm are:*

- From I-94, take Menoken Exit 170 (about 10 miles east of Bismarck, ND)
- 1 mile south to Highway 10
- 1 mile east to St. Hildegard's Church
- 1/2 mile south

\*This brochure is based upon work supported by the Natural Resources Conservation Service, U.S. Department of Agriculture, under number 68-6633-16-516. USDA is an equal opportunity provider and employer



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*Burleigh County Soil Conservation District, North Dakota*

*Menoken Farm was established in 2009 and is a combination of natural resource education and systems approach conservation*

